What is claimed is:

1. A plastic log having an average diameter greater than 2 inches, a flexural modulus at 40 °F of at least 70,000 psi and a diameter deviation in the range of 2 to 60%.

2. A log of claim 1comprising at least 80% of thermoplastic material.

3. A log of claim 2 wherein said thermoplastic material comprises at least one polyolefin selected from the group consisting of polyethylene and polypropylene.

4. A log of claim 3 further comprising at least one other polymeric material having a melt temperature at least 20 °C higher than the melt temperature of said polyolefin.

5. A plastic log having deviations in diameter simulating a natural wood log comprising at least 80% polypropylene and having an average diameter greater than 2 inches, a flexural modulus at 40 °F of at least 90,000 psi and a diameter deviation defined by the algorithm ((D-d)/D)x100 in the range of 2 to 60%, where D is the maximum diameter and d is the minumum diameter..

6. A method of producing a plastic, cylindrical log comprising extruding through a circular die a plastic material to form a cylindrical mass with a molten surface and cooling said molten surface with an air stream from an annular nozzle proximate to said die.

7. A method of claim 6 wherein said shape is further cooled by contacting with an aqueous fluid.

8. A method of claim 7 wherein said shape is further cooled by natural air convention around a supported length of log.

9. A method of claim 8 further comprising pulling said shape from said die.